

# DATA SHEET

## LIFEBOOK S7220

Your best friend on the move

Issue: September 2009

### LIFEBOOK S7220

The LIFEBOOK S7220 offers the perfect balance between low weight and high-end performance. Weighing only 2.2 kg it is one of the lightest modular 14.1" notebooks. A flexible modular bay and a long battery life enable convenient working. Integrated 3G/UMTS and the optional ConfCamera enable connectivity anytime, anywhere.

### Ergonomic working

Enjoy constant access to all your data thanks to a versatile mobile device.

- Lean, lightweight Notebook weighing only 2.2 kg with a 35.8 cm (14.1-inch) WXGA display, with up to 8 hours running time with a second accu

### Ultimate connectivity

Be available wherever you are; wireless connectivity anytime anywhere, even if there is no hotspot nearby.

- Optional integrated 3G/UMTS, WLAN and Bluetooth

### Reliable companion

Secure and effective working for the most demanding of users – in every kind of situation.

- Spill-proof keyboard, shock sensor and further innovative highlights

### Maximum security

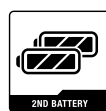
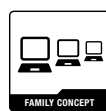
Protect your company data against unauthorized third-party access.

- Benefit from our end-to-end anti-theft concept and system and user protection, such as Computrace® enabled BIOS, fingerprint sensor, TPM module and SmartCase Logon+

### Great flexibility

The family concept offers standard accessory components for the LIFEBOOK series.

- Standardized port replicator, power supply unit and modular bay for optical drive, second battery or second hard disk



## Components

<b>Processor</b>	Intel® Core™2 Duo T9600 (2.8 GHz, 6 MB, 1066 MHz)
	Intel® Core™2 Duo P8800 (2.66 GHz, 3 MB, 1066 MHz)
	Intel® Core™2 Duo P8700 (2.53 GHz, 3 MB, 1066 MHz)
<b>Memory modules</b>	2 GB (1 module(s) with 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
	1 GB (1 module(s) with 1 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
<b>Hard disk drives (internal)</b>	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	320 GB, 5400 rpm, FDE, 2.5-inch S.M.A.R.T.
	160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, FDE-3, 2.5-inch S.M.A.R.T.
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software
<b>Display</b>	35.8 cm (14.1-inch) TFT 1440 x 900 pixel (WXGA+) non-glare display
	35.8 cm (14.1-inch) TFT 1280 x 800 pixel (WXGA) non-glare display
<b>WLAN (optional)</b>	Atheros Minicard b/g 802.11 b/g
	Intel® Wireless WiFi Link 5300 AGN 11/13ch
<b>UMTS/HSUPA (optional)</b>	Sierra Wireless MC8790 (downlink 7.2 MBit/s, uplink 2.0 MBit/s)
<b>Bluetooth (optional)</b>	Bluetooth 2.1
<b>Modular bay options</b>	2nd battery
	2nd hard disk drive
	DVD Super Multi
	Weight saver

Base unit	LIFEBOOK S7220 14.1-inch	LIFEBOOK S7220 14.1-inch Fingerprint
<b>General system information</b>		
Chipset	Intel® GM45, ICH 9-M	Intel® GM45, ICH 9-M
BIOS features	BIOS based on Phoenix TrustedCore Notebook	BIOS based on Phoenix TrustedCore Notebook
Memory slots	2 DIMM (DDR3)	2 DIMM (DDR3)
Turbo memory	Optional 4 GB	Optional 4 GB
Supported capacity RAM (max.)	4 GB	4 GB
Memory notes	8 GB - with future memory modules.	8 GB - with future memory modules.
<b>Interfaces</b>		
Memory card slots	1	1
ExpressCard slots	1	1
SmartCard slot	1	1
SIM card slot	1	1
Modem (RJ-11)	1	1
USB 2.0 total	3	3
VGA	1	1
Ethernet (RJ-45)	1	1
DC-in	1	1
Audio: line-in / microphone	1	1
Audio: line-out / headphone	1	1
Internal microphones	2	2
Docking connector for Port Replicator	1	1
Kensington Lock support	1	1
<b>Wired communication</b>		
Modem type	56 K V.92 modem MDC1.5	56 K V.92 modem MDC1.5
LAN	Built-in 10/100/1000 MBit/s Marvell 88E8055	Built-in 10/100/1000 MBit/s Marvell 88E8055

## Wireless technologies

Antennas	3 dual band antennas, 2 UMTS antennas	3 dual band antennas, 2 UMTS antennas
WLAN notes	Import and usage according to country-specific regulations.	Import and usage according to country-specific regulations.
UMTS	Optional	Optional

## Keyboard and pointing devices

	Spillproof keyboard	Spillproof keyboard
	Number of keyboard keys: 82, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm	Number of keyboard keys: 82, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm
	TouchStick TouchPad with two mouse buttons and one scroll button Second set of mouse buttons Application buttons Status LCD	TouchStick TouchPad with two mouse buttons and scroll via fingerprint sensor Second set of mouse buttons Application buttons Status LCD Fingerprint sensor

## Multimedia

Audio type	On board	On board
Audio codec	Realtek ALC269	Realtek ALC269
Audio features	Stereo speakers, 2 internal microphones	Stereo speakers, 2 internal microphones
Camera	Optional: Built-in webcam, 1.3 megapixel, VGA camera	Optional: Built-in webcam, 1.3 megapixel, VGA camera

## Graphics

Max. resolution external display	1920 x 1200 / true color / 60 Hz	1920 x 1200 / true color / 60 Hz
Graphics brand name	Mobile Intel® GMA 4500M HD	Mobile Intel® GMA 4500M HD
Graphic features	DualView (Windows XP & Windows Vista)	DualView (Windows XP & Windows Vista)

## Power supply

AC adapter	19 V / 80 W (4.22 A)	19 V / 80 W (4.22 A)
Rated voltage range	100 - 240 V (AC Input)	100 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz	50 - 60 Hz
1st battery	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh
2nd battery (optional)	2nd Li-Ion battery 6 cell (Option), 3800 mAh, 41 Wh	2nd Li-Ion battery 6 cell (Option), 3800 mAh, 41 Wh
Battery features	Dynamic charge supported (rapid charge)	Dynamic charge supported (rapid charge)
Benchmark	Mobile Mark 2005	Mobile Mark 2005
Runtime 1st battery	up to 5 h	up to 5 h
Runtime 1st + 2nd battery	up to 8 h	up to 8 h
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.

## Power consumption

Power consumption note	see white paper Energy Consumption
Link to Energy White Paper	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=6bd899e5-7bef-4b2f-b9ab-b76bb4a55c06">http://docs.ts.fujitsu.com/dl.aspx?id=6bd899e5-7bef-4b2f-b9ab-b76bb4a55c06</a>

## Dimensions / Weight / Environmental

Dimension (W x D x H)	334 x 242 x 31 - 37 mm	334 x 242 x 31 - 37 mm
Weight	2.2 kg	2.2 kg
Weight notes	Weight may vary depending on actual configuration	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35°C	5 - 35°C
Operating relative humidity	20 - 80 %	20 - 80 %

## Operating system

Operating system optional preinstalled	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD)	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Microsoft® Windows® XP Professional	Microsoft® Windows® XP Professional
Operating system notes	Driver support for Microsoft Windows XP	Driver support for Microsoft Windows XP

## Additional Software

Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (CD / DVD write software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Stack 4.x	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (CD / DVD write software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Stack 4.x
Additional software (optional)	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) SmartCase Logon+	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)
Additional software (included as a CD/DVD)		SmartCase Logon+

## Manageability

Manageability features	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
Manageability type	DeskView 10.x client management including:	
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Supported standards	WMI PXE BootP (made4you)	WMI PXE BootP (made4you)
Manageability link	<a href="http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html">http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html</a>	<a href="http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html">http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html</a>

## Security

Physical security	Kensington Lock support	Kensington Lock support
System security	Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)	Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)
User security	User and supervisor BIOS password SystemLock BIOS SmartCard security Integrated SmartCard controller in PC Card with system lock support Separate SmartCard slot Optional: SmartCase Logon+ Hard disk password	User and supervisor BIOS password SystemLock BIOS SmartCard security Integrated SmartCard controller in PC Card with system lock support Separate SmartCard slot Optional: SmartCase Logon+ Hard disk password Integrated Fingerprint Sensor

## Compliance

Germany	GS
Europe	CE CE!
USA/Canada	FCC Class B (depending on wireless configuration) CSA cUL UL

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## Compliance

Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) WiFi certified Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 4.0 EPEAT® Silver
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a>

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## Portreplicator interfaces (optional)

DC-in	1
Power on switch	1
Headphones	1
Audio: microphone in	1
USB 2.0 total	4
VGA	1
DVI	1 (with HDCP Support)
Serial (RS-232)	1
Mouse / Keyboard (PS/2)	1
Ethernet (RJ-45)	1
Parallel	1
Kensington Lock support	2

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## Warranty

Standard Warranty	2 years
Service level	Collect & Return Service / Bring-In Service (depending on country)

## Maintenance and Support Services - the perfect extension

Recommended Service	3 years, On-site Service
Spare Parts availability	5 years
Service Weblink	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>



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<http://ts.fujitsu.com/aboutus>

Take back and Recycling information:

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